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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/702,644	10/31/2000	Fred S. Cook	1455	1072

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EXAMINER	
YUN, EUGENE	

ART UNIT	PAPER NUMBER
2682	

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DATE MAILED: 04/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/702,644	COOK, FRED S.	
	Examiner	Art Unit	
	Eugene Yun	2682	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____ .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) 1-34 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-34 is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on 31 October 2000 is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2, 3,&5 .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6, 9-23, and 26-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Kerihuel et al. (US 5,319,699).

Referring to Claim 1, Kerihuel teaches a communication system for providing temporary wireless telephone numbers, the system comprising:

a first switching system configured to receive a registration request from a wireless call device without an assigned telephone number, process the registration request to generate a registration message (see col. 6, lines 59-68 and col. 7, lines 1-4); and

a service control point configured to receive the registration message and process the registration message to automatically assign a temporary wireless number to the wireless call device and generate and provide a registration response message to the first switching system that includes the temporary wireless number (see col. 7, lines 37-39 and col. 7, lines 62-68).

Referring to Claim 18, Kerihuel teaches a method for operating a communication system that provides temporary wireless telephone numbers, the method comprising:

receiving a registration request in a first switching system from a wireless call device (see col. 6, lines 59-65);

processing the registration request to generate a registration message for a service control point (see col. 7, lines 1-4);

receiving the registration message in the service control point (see col. 7, lines 4-6);

processing the registration message to automatically assign a temporary wireless telephone number to the wireless call device and generate a registration response message for the first switching system that includes the temporary wireless number (see col. 13, lines 55-62); and

providing the registration response message to the first switching system (see col. 9, lines 66-68 and col. 10, line 1).

Referring to Claims 2 and 19, Kerihuel also teaches wherein subsequent to receiving the registration response message from the SCP, the first switching system is configured to receive a call request from the wireless call device and process the call request to complete a call to a called number (see col. 14, lines 6-11).

Referring to Claims 3 and 20, Kerihuel also teaches the service control point configured to process the registration message to validate the wireless call device (see col. 10, lines 49-51).

Referring to Claims 4 and 21, Kerihuel also teaches the service control point configured to process the registration message to generate and provide a first query

message that includes a request for the temporary wireless telephone number (see col. 11, lines 5-8).

Referring to Claims 5 and 22, Kerihuel also teaches a second switching system 13 (fig. 1) configured to receive the first query message and process the first query message to generate a second query message that includes the request for the temporary wireless telephone number and process a first response message to generate a second response message for the service control point that includes the temporary wireless telephone number (see col. 11, lines 46-60); and

a wireless telephone number server configured to receive the second query message from the second switching system and process the second query message to select the temporary wireless telephone number from a pool of temporary wireless telephone numbers and generate and provide the first response message to the second switching system (see col. 11, lines 61-66).

Referring to Claims 6 and 23, Kerihuel also teaches the service control point configured to process the second response message to associate the temporary wireless telephone number with the wireless call device and generate and provide the registration response message to the first switching system (see col. 13, lines 55-62).

Referring to Claims 9 and 26, Kerihuel also teaches the first switching system configured to receive a third call request from the wireless call device and process the third call request to generate a third query message that includes a request for call handling information and the service control point is configured to receive the third query message and process the third query message to generate and provide the call

handling information to the first switching system, wherein the call handling information includes instructions to route the call request to a second called number (see col. 9, lines 66-68 and col. 10, lines 1-12).

Referring to Claims 10 and 27, Kerihuel also teaches automatically releasing the temporary wireless number back into the pool of temporary wireless numbers after a predetermined period of time (see col. 11, lines 14-16).

Referring to Claims 11 and 28, Kerihuel also teaches the predetermined period of time as one day (see col. 11, lines 22-27).

Referring to Claims 12 and 29, Kerihuel also teaches the predetermined period of time as one week (see col. 11, lines 22-27).

Referring to Claims 13 and 30, Kerihuel also teaches the predetermined period of time as one month (see col. 11, lines 22-27).

Referring to Claims 14 and 31, Kerihuel also teaches the voice response unit configured to receive a fourth call request from the wireless call device and process the fourth call request to generate a first release message for the service control point and the service control point is configured to process the first release message to generate a second release message for the second switching system and the second switching system is configured to process the second release message to generate a third release message for the wireless number server and the wireless number server configured to release the temporary wireless number back into the pool of temporary wireless numbers (see fig. 5).

Referring to Claims 15 and 32, Kerihuel also teaches the service control point configured to generate and provide the second release message in response to an expiration of the predetermined period of time (see col. 13, lines 1-7).

Referring to Claims 16 and 33, Kerihuel also teaches the service control point configured to generate and provide billing information to the voice response unit and the voice response unit is configured to provide the billing information to the user of the wireless call device in response to a fifth call request from the wireless call device (see BILLING TICKET in fig. 5).

Referring to Claims 17 and 34, Kerihuel also teaches the voice response unit configured to receive a sixth call request form the wireless call device and process the sixth call request to generate a request message for the service control point that includes a request for an extension of the predetermined period of time and the service control point is configured to process the request message to extend the predetermined period of time (see col. 16, lines 25-28).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 7, 8, 24, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kerihuel in view of Alho (EP 0986237).

Referring to Claims 7 and 24, Kerihuel does not teach the service control point configured to generate and provide a context message that includes the temporary wireless telephone number. Alho teaches the service control point configured to generate and provide a context message that includes the temporary wireless telephone number (see pg. 9, lines 1-10). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of Alho to said system of Kerihuel in order to make the temporary wireless number registration process more user friendly.

Referring to Claims 8 and 25, Alho also teaches a voice response unit configured to receive the context message and a second call request from the wireless call device and process the second call request to provide the temporary wireless phone number to a user of the wireless call device (see pg. 4, lines 38-58 and pg. 9, lines 1-10).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Yun whose telephone number is (703) 305-2689. The examiner can normally be reached on 8:30am-5:30pm Alt. Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (703) 308-6739. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Eugene Yun
Examiner
Art Unit 2682

EY
April 23, 2003

VIVIAN CHIN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600